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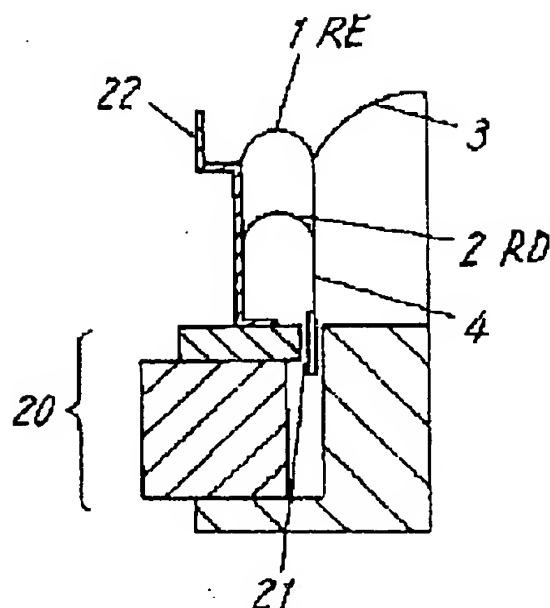
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INVENTOR : OZAWA NAOYUKI;

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TITLE : SPEAKER



ABSTRACT : PROBLEM TO BE SOLVED: To prevent the generation of abnormal sound by equalizing the shapes of the arcs of the roll of a damper supporting a voice coil and the roll of an edge thereby preventing amplitude from being restricted by the roll shorting arc length at threshold amplitude at the time of a large input.

SOLUTION: An edge 1 in the form of an arc RE with a single upper roll and the damper 2 of an arc length RD with an upper roll in the same shape as the edge 1 are provided to hold the voice coil 4 respectively fixed to a dome-like oscillator 3. At this time, the arc lengths of the damper 2 and the edge 1 are respectively equally R. At the time of taking a threshold amplitude L straightening the arc of the edge 1 upward at this oscillation system, the edge 1 and the damper 2 are respectively expanded and the threshold amplitude L at the time depends on the arc lengths R of the edge 1 and the damper 2. Consequently, thrusting sound at the time of largest input is eliminated by equalizing the arc lengths R of the edge 1 and the damper 2 and nearly equalizing a shape size for equalizing the threshold amplitude and a largest amplitude.

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